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T F A Q L G E M V T V L S I D G G G I R 40

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Pat17 aagccagtaatatctactaagtcaaatttagcaaactctccagaattggatgctaagatg 540  
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G T T S E F D K T Y T A K E A A T W T A 280

Pat17 gtacattggatggttagttatacagaaaatgactgatgcagcaagttcttacatgactgat 900  
V H W M L V I Q K M T D A A S S Y M T D 300

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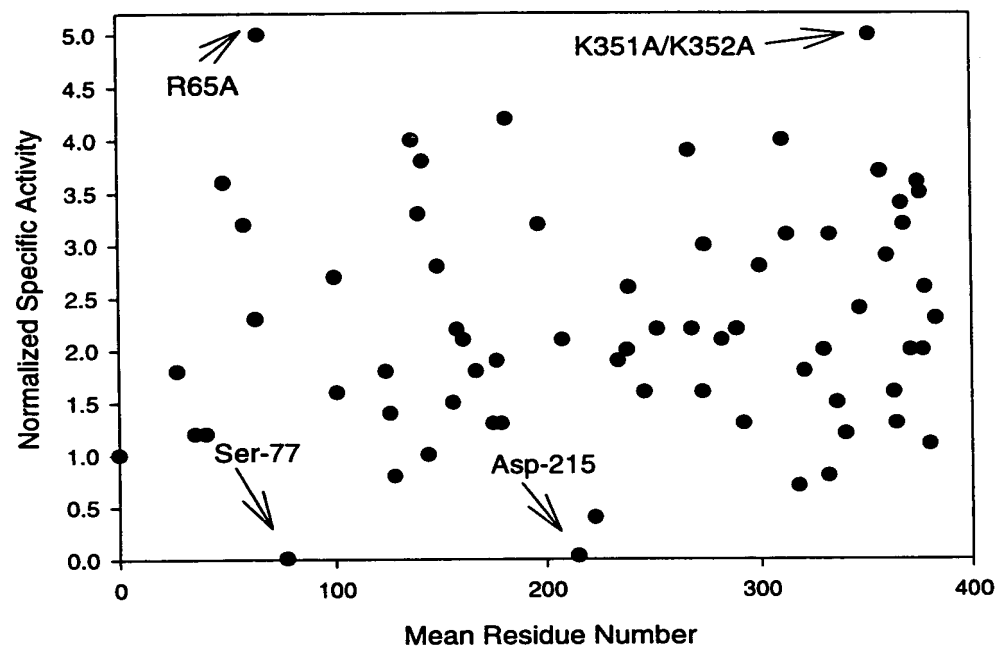
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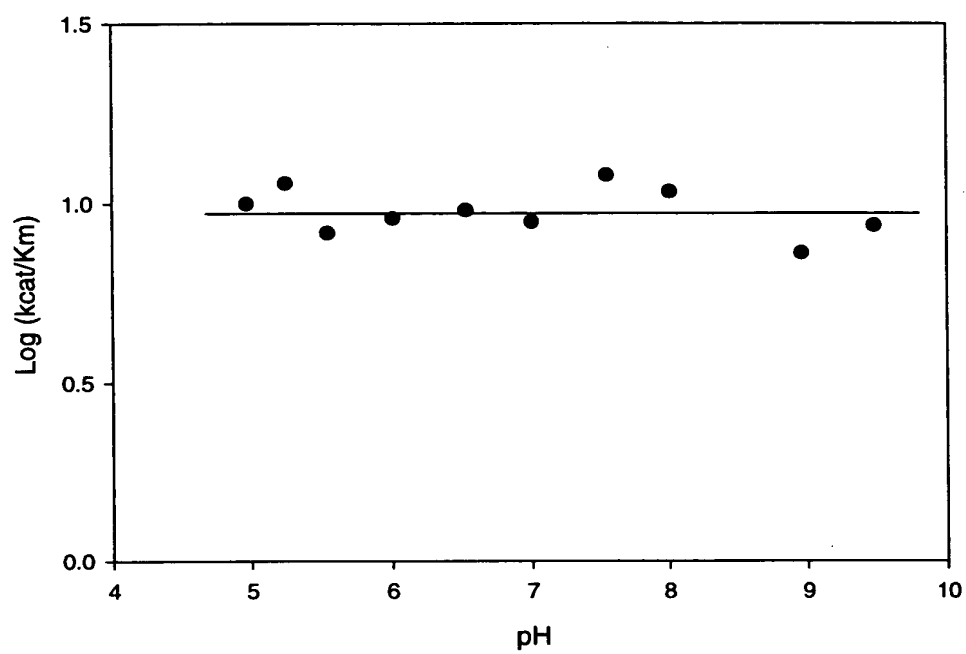
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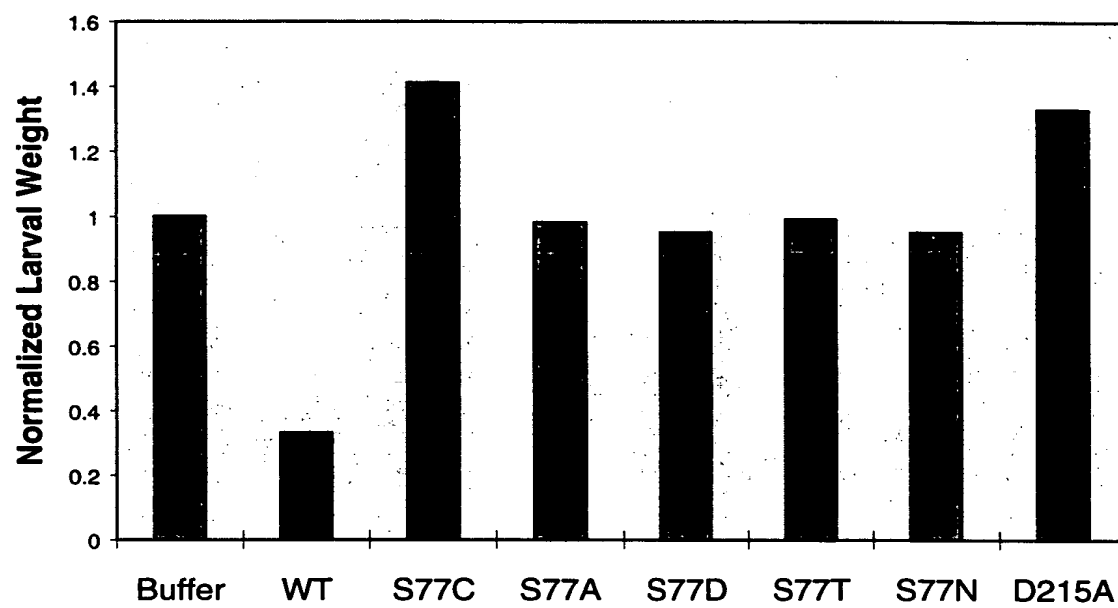
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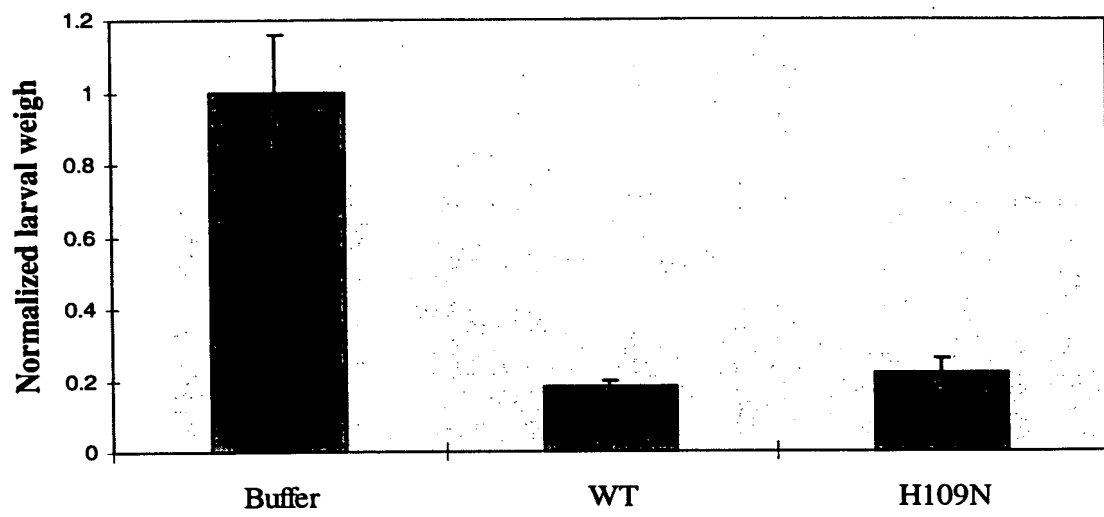
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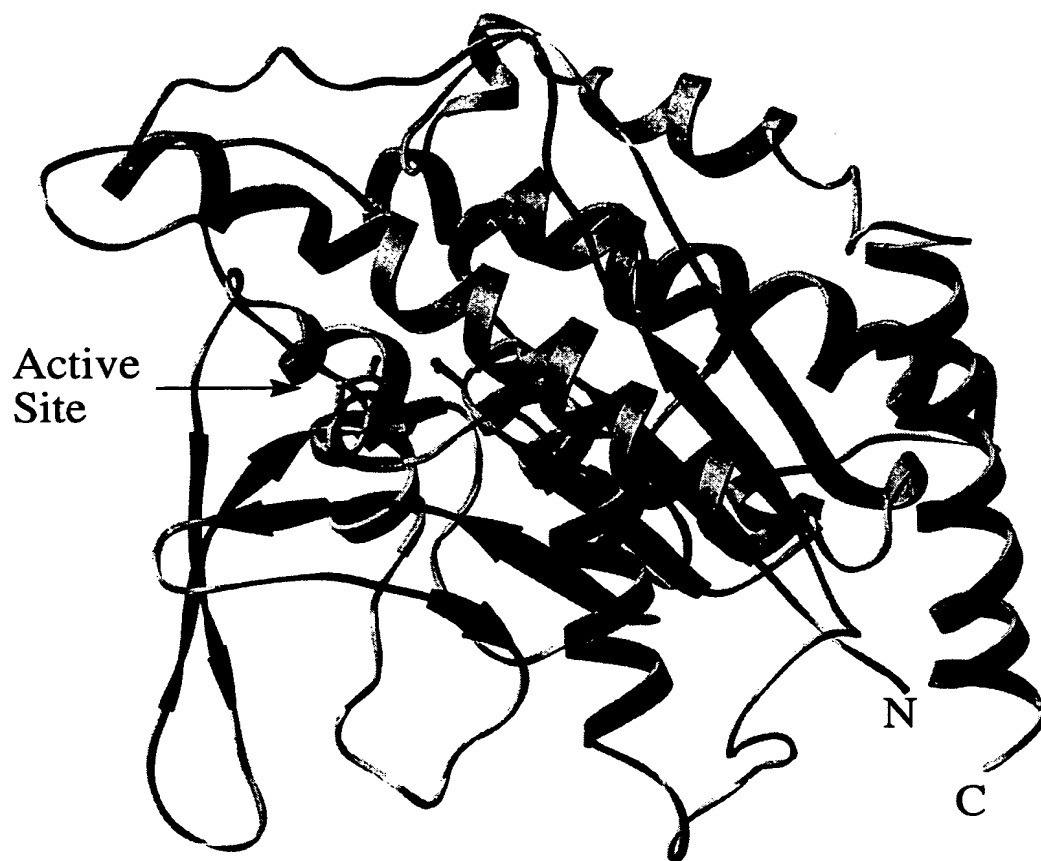
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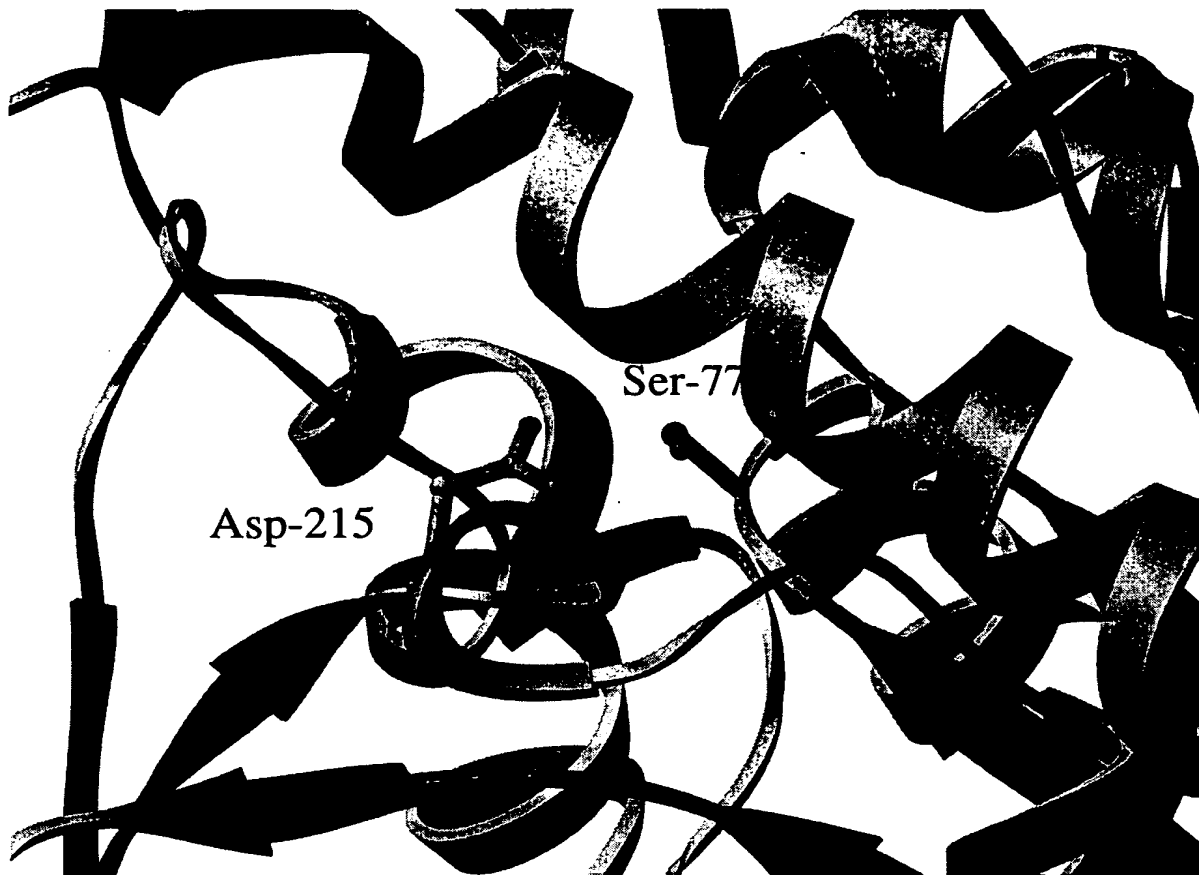
**Figure 4**



**Figure 5**



**Figure 6a**

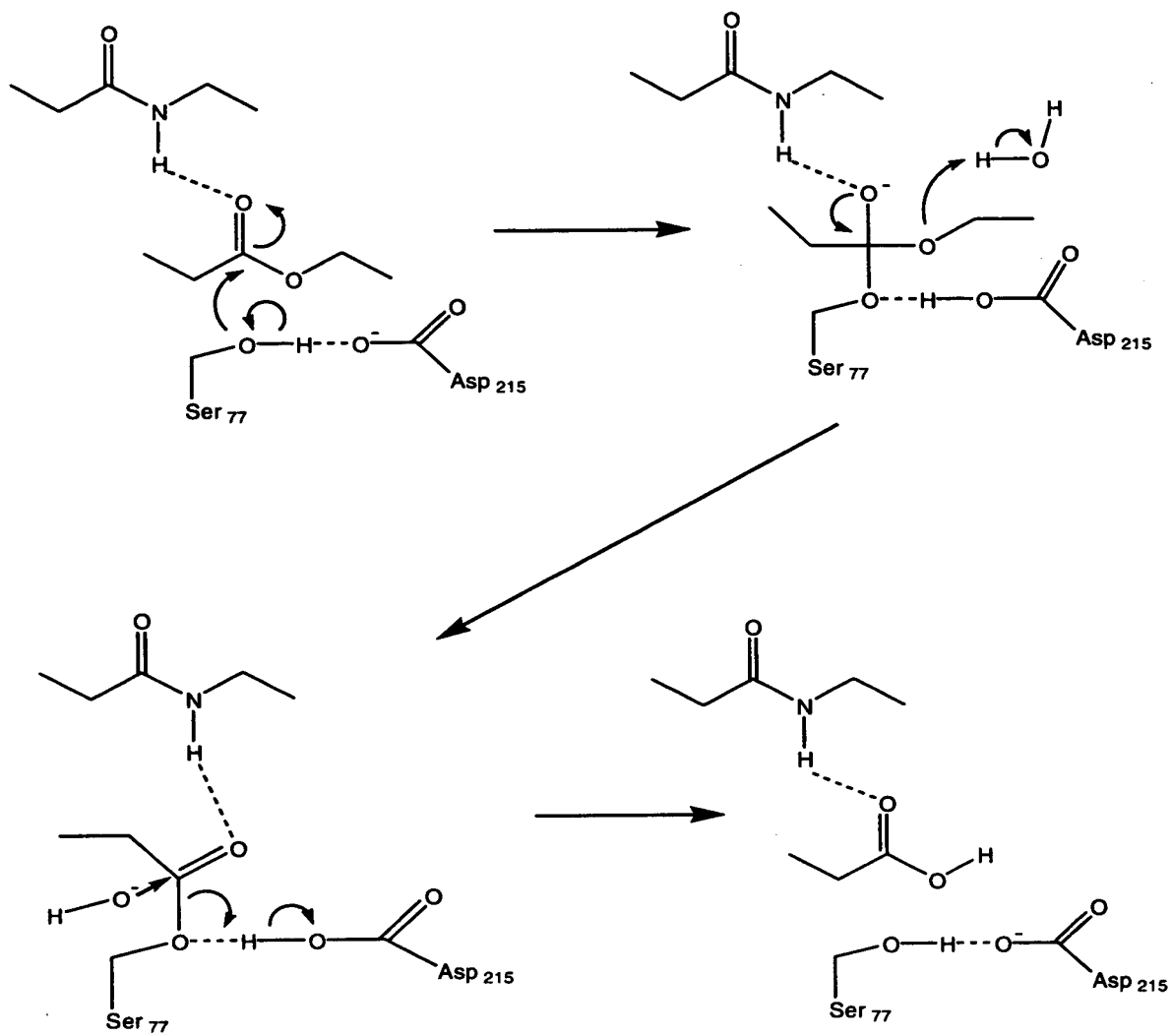


**Figure 6b**



**Figure 7**





**Figure 8**



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gi|PatIm            QEKLGETRVHQALTEVAISSFDIKTNKPVIFTKSNLAKSPELDAKMYDICYSTAAAPIYF 172
gi|PatL+            QEKLGETRVHQALTEVAISSFDIKTNKPVIFTKSNLAKSPELDAKMYDICYSTAAAPIYF 194
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gi|pentin1_phb     SQKLNETLLDQTTTNVVIPSFDIKLLRPTIFSTFKLEEVPELNVKLSDVCMGTSAAPIVF 206
gi|5c9_phb          KSLTHDVRVADTVTNVIVPAFDKYLQPIIFSTYEAKDTLKNAHLSSDICISTSAAPTYF 201
gi|corn3_pep        KSLTHDVRVADTVTNVIVPAFDKYLQPIIFSTYEAKDTLKNAHLSSDICISTSAAPTYF 201
gi|corn2_pep        KSLTHDVRVADTVTNVIVPAFDKYLQPIIFSTYEAKDTLKNAHLSSDICISTSAAPTYF 201
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gi|corn5_pep        KSLTHDVRVADTVTNVIVPAFDKYLQPIIFSTYEAKDTLKNAHLSSDICISTSAAPTYF 201
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gi|PatB+            LLLSLGTGTTNSEFDKTYTAEEAAKWGPLRWILAIQK-----MTNAASSYMTDYYLSTVFQ 308
gi|pentin1_phb     LLISIGTGVVKPGEGYSANRTWTIFDWSSETLIG-----LMGHGTRAMSDYYVGSHFK 302
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Figure 9 (b)

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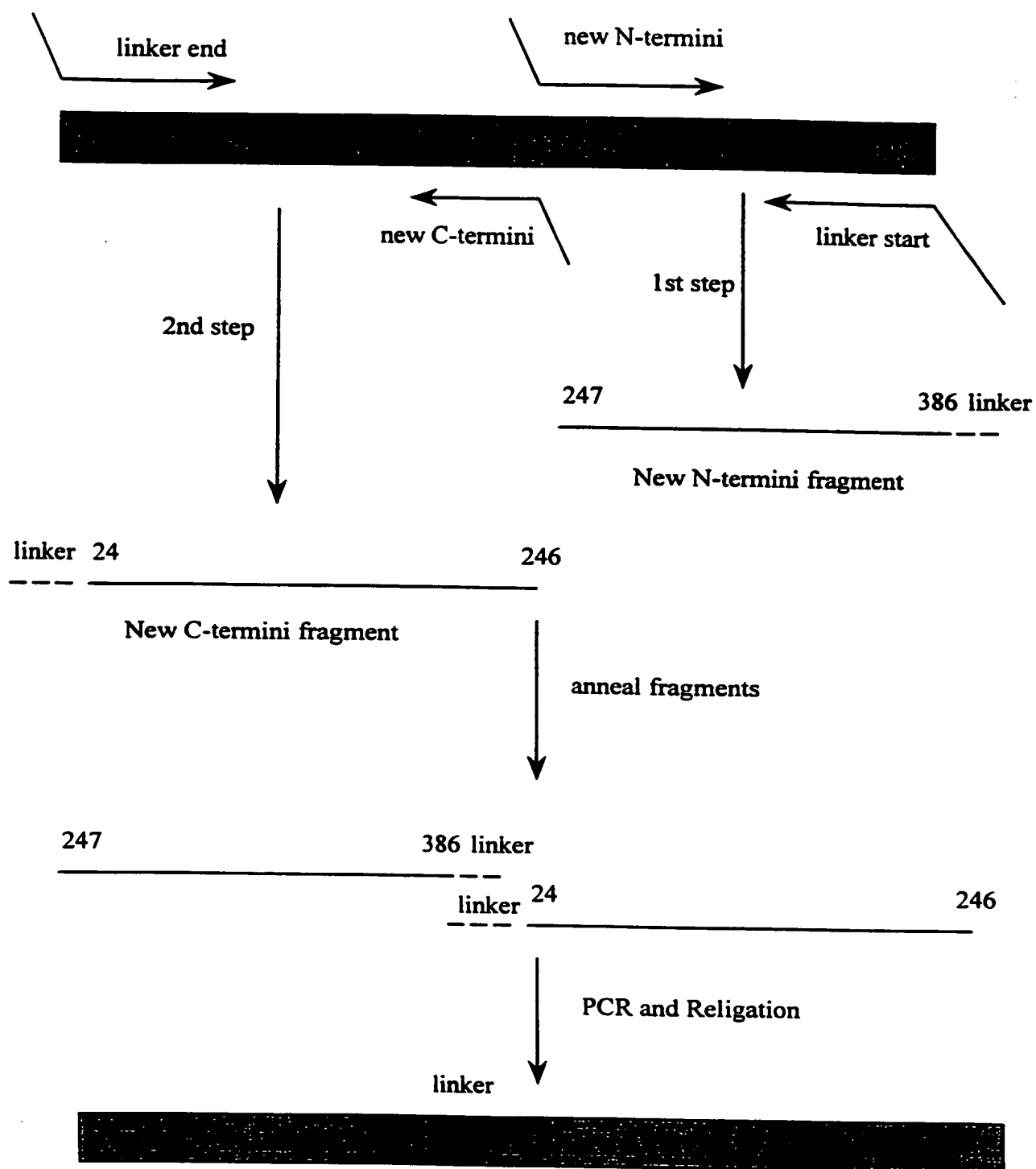
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gi|corn4_pep        ALHCEKKYLRIQDDTLTGN-----ASSVDIATKENMESLIS 356
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gi|corn5_pep        ALHCEKKYLRIQLYAG-----337
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gi|PatB+            VGEKLLKKPVSKDSP-----ETYEELKRFAKLLSDRKKLRANKASY----- 386
gi|pentin1_phb      VGQSLNNEPVKRMNLNT-FVVEETGEGTNAEALDRLAQILYEKITRGLGKISLEVDNID 397
gi|5c9_phb          IGQELLKKPVARVNIDTGLYESCDGEGTNAQSLADFAQLSDERKLKRSNLNSN----- 410
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gi|corn4_pep        IGQELLNKPVARVNIDTGLYESCEGEGTNAQSLADFAQLSDERKLKRSNLNSN----- 410
gi|corn1_pep        VLRRGHKCTVASLRQATLRAQATQEQSQQLINTSLSHSMCSFRFTVSFYFFNFNSVCVL 476
gi|corn5_pep        -----

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gi|PatFm            -----
gi|PatIm            -----
gi|PatL+            -----
gi|PatA+            -----
gi|PatB+            -----
gi|pentin1_phb      PYTERVRKLLF----- 408
gi|5c9_phb          -----
gi|corn3_pep        -----
gi|corn2_pep        -----
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```

**Figure 9 (c)**



**Figure 10**